

BILL NO. S-97-08-19

SPECIAL ORDINANCE NO. S-81-97

AN ORDINANCE approving the awarding of REF. NO. #7491-RAW SEWAGE PUMPS by the City of Fort Wayne, Indiana, by and through its Department of Purchasing and ROBINSON & ASSOCIATES for the Water Pollution Control Plant.

NOW, THEREFORE, BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA;

SECTION 1. That REF. NO. 7491-RAW SEWAGE PUMPS between the City of Fort Wayne, by and through its Department of Purchasing and ROBINSON & ASSOCIATES for the City of Fort Wayne Water Pollution Control Plant, respectfully for:

the replacement of raw sewage pumps at the Water Pollution Control Plant;

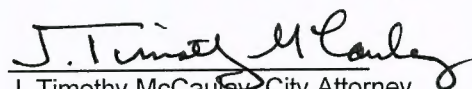
involving a total cost of ONE HUNDRED TWENTY-SIX THOUSAND SEVEN HUNDRED SEVENTY-TWO AND 86/100 Dollars (\$126,772.86),

SECTION 2. Prior Approval has been requested from Common Council on AUGUST 12, 1997. Two copies of REF. NO. 7491 are on file with the Office of the City Clerk and made available for public inspection, according to law.

SECTION 3. That this Ordinance shall be in full force and effect from and after its passage and any and all necessary approval by the Mayor.


Council Member

APPROVED AS TO FORM
AND LEGALITY


J. Timothy McCauley, City Attorney

PRIOR APPROVAL REQUESTED FOR 8/12/97
SINGLE SOURCE VENDOR

DIGEST SHEET

YEAR TO DATE EXPENDITURES FOR RAW SEWAGE PUMPS: \$126,772.86
(including this order)

1996 PURCHASES: \$0.00

TITLE OF ORDINANCE: Special

DEPARTMENT REQUESTING ORDINANCE: Purchasing

SYNOPSIS OF ORDINANCE: An ordinance approving the award of Ref.
No. 7491 for the replacement of raw sewage pumps for the WPC Plant.

IF NOT LOWEST, WHO WAS AND WHY WERE THEY NOT AWARDED:

EFFECT OF PASSAGE:

Replacement of raw sewage pumps: (4) rotating assemblies @
\$26,999.00 each; (3) 52-218-777-503 suction cover assemblies
(suction wear plate included) @ \$6,186.16 each; and (8) 52-431-816-
089 casing and wear plate gaskets at \$27.29 each. This totals
\$126,772.86 for the project.

IF REPLACEMENT, WHAT NECESSITATES:

We are currently experiencing unexpected breakdowns with these
pumps. Major components are now requiring replacement, such as
suction inlets, impellers, and shafts. The pumps have been
repaired or rebuilt a number of different times depending on need.
We are becoming more reactive than preventive in this area.

EFFECT OF NON-PASSAGE:

If these pumps are not replaced, they will continue to break down.
We will not be able to lift the wastewater from the interceptor
level to the primary influent channel effectively. Plant capacity
will not be maintained, reactive maintenance will be greater and
other plant mechanical issues will not be addressed as quickly.

MONIES INVOLVED: Robinson & Associates \$126,772.86

PRICE AGREEMENT: **PURCHASE ORDER:** YES

SOURCE OF FUNDING: WPC Plant 514-533-S101-4444

PRIOR APPROVAL: Yes **DATE:** 8/12/97
(IF APPLICABLE)



The City of Fort Wayne

Paul Helmke, Mayor

PURCHASING DEPARTMENT
ONE MAIN STREET/ROOM 350
FORT WAYNE IN 46802

August 7, 1997

The Common Council
One Main Street
Fort Wayne IN 46802

RE: Ref. No. 7491

Ladies and Gentlemen:

The Purchasing Department respectfully requests "Prior Approval" of Ref. No. 7491 for the purchase of raw sewage pumps for the Water Pollution Control Plant. Due to delivery factors of the new pumps and unexpected breakdowns of the current pumps, the Department is requesting prior approval on August 12, 1997. Robinson & Associates is the sole manufacturer for waste water pumps and parts in the State of Indiana and is being awarded this contract in the amount of \$126,772.86. A purchase order will be issued upon Councilmanic Approval.

PURCHASING DEPARTMENT

Dee Densel, Director

CITY OF FORT WAYNE

Paul Helmke, Mayor

APPROVED:

_____	_____	_____
_____	_____	_____
_____	_____	_____

ATTEST:

Sandra Kennedy, City Clerk

Attachment(s)



The City of Fort Wayne

Paul Helmke, Mayor

TO: City Council Members
FROM: James E. Traylor, Water Pollution Control Plant
SUBJECT: Replacement of the raw sewage pumps
DATE: August 5, 1997

Raw sewage pumping is the first plant process operation where the raw sewage is subjected to a hydraulic head adjustment by pumping. The raw sewage pumps are used to lift the wastewater from the interceptor level to the primary influent channel. These pumps are responsible for flow of the entire plant. They are a major factor of plant capacity issues.

There are a total of five raw sewage pumps that are responsible for pumping 60 MGD (Design flow) and up to 72 MGD (Peak Flow). Four of these pumps are electrically driven Allis Chalmers size 20x20x25 type NSYV Model 250 with a rated capacity of 11,200 GPM (installed 1977) and one electrical or methane engine driven Worthington Model 20-MCV-1 rated at 13,900 (installed 1960).

Currently a minimum of three pumps are in operation twenty-four hours a day to handle normal flows. Four pumps are needed at peak flow and up to five pumps are required for operation during rain events.

Wastewater treatment equipment is usually expected to have a service life of twenty years with proper preventive maintenance. The raw sewage pumps have met and exceeded life expectancy.

We are currently experiencing unexpected breakdowns with these pumps. Major components are now requiring replacement, such as suction inlets, impellers, and shafts. The pumps have been repaired or rebuilt a number of different times depending on need. We are becoming more reactive than preventive in this area. To guarantee continuous high volume raw sewage pumping at the Plant, I would like to request the following per the attached letter from Robinson Supply Corp:

- (4) Rotating assemblies at \$26,999.00 each,
- (3) 52-218-777-503 suction cover assemblies (suction wear plate included)
at \$6,186.16 each,
- (8) 52-431-816-089 casing and wear plate gasket at \$27.29 each.

The total estimated for this order is \$126,772.86.

With the purchase and installation of the above items, we will have a sound raw sewage pumping system. Plant capacity is maintained, reactive maintenance lessened, and other plant mechanical issues addressed more effectively. The remaining pump components will be combined to form a spare rotation assembly. This will offer less down time in the future.

Read the first time in full and on motion by Bender,
and duly adopted, read the second time by title and referred to the Committee on
City of Fort Wayne, (and the City-Plan Commission for recommendation)
and Public Hearing to be held after due legal notice, at the Common Council Conference
Room 128, City-County Building, Fort Wayne, Indiana, on
the _____ day of _____, 19____ at _____
o'clock _____ M., E.S.T.

DATED: 8-12-97

Sandra E. Kennedy
SANDRA E. KENNEDY, CITY CLERK

Read the third time in full and on motion by Edmonds,
and duly adopted, placed on its passage. PASSED
by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT
TOTAL VOTES	<u>8</u>			<u>1</u>
BENDER	<u>✓</u>			
CRAWFORD	<u>✓</u>			
EDMONDS	<u>✓</u>			
HALL	<u>✓</u>			
HAYHURST				<u>✓</u>
HENRY	<u>✓</u>			
LUNSEY	<u>✓</u>			
RAVINE	<u>✓</u>			
SCHMIDT	<u>✓</u>			

DATED: 8-26-97

Sandra E. Kennedy
SANDRA E. KENNEDY, CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana,
as (ANNEXATION) _____ (APPROPRIATION) _____ (GENERAL) _____ (SPECIAL) _____
(ZONING) _____ ORDINANCE _____ RESOLUTION NO. S-81-97
on the 26th day of August, 1997

ATTEST: _____ SEAL _____
Sandra E. Kennedy Thomas P. Helmke
SANDRA E. KENNEDY, CITY CLERK PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the
27th day of August, 1997,
at the hour of 11:30, o'clock _____ M., E.S.T.

Sandra E. Kennedy
SANDRA E. KENNEDY, CITY CLERK

Approved and signed by me this 28th day
of August, 1997, at the hour of 1:00
o'clock P M., E.S.T.

Paul Helmke
PAUL HELMKE, MAYOR

BILL NO. S-97-08-19

REPORT OF THE COMMITTEE ON CITY UTILITIES

CLETUS R. EDMONDS - MARTIN A. BENDER - CO-CHAIR
ALL COUNCIL MEMBERS

WE, YOUR COMMITTEE ON CITY UTILITIES TO WHOM WAS
REFERRED AN (ORDINANCE) ~~(RESOLUTION)~~ approving the awarding of
REF. NO. #7491-RAW SEWAGE PUMPS BY THE City of Fort Wayne, Indiana,
by and through its Department of Purchasing and ROBINSON &
ASSOCIATES FOR THE Water Pollution Control Plant

HAVE HAD SAID (ORDINANCE) ~~(RESOLUTION)~~ UNDER CONSIDERATION
AND BEG LEAVE TO REPORT BACK TO THE COMMON COUNCIL THAT SAID
(ORDINANCE) ~~(RESOLUTION)~~

DO PASS

DO NOT PASS

ABSTAIN

NO REC

[Signature]

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DATED: 8-26-87

Sandra E. Kennedy
City Clerk